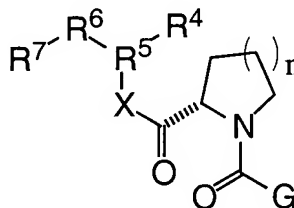


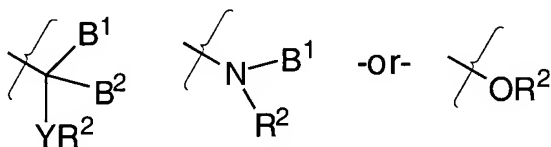
2 (new).

A compound of the formula:



wherein

G is:



B¹ and **B²** are the same or different and are each independently H or a substituted or unsubstituted aliphatic, heteroaliphatic, aryl or heteroaryl moiety;

X is O, NH or CH₂;

R² is a substituted or unsubstituted aliphatic, heteroaliphatic, aryl or heteroaryl moiety;

R⁴ is H, a substituted or unsubstituted, branched, unbranched, cyclic, saturated or unsaturated, aliphatic or heteroaliphatic group or a substituted or unsubstituted aryl or heteroaryl group;

R⁵ is a substituted or unsubstituted, aliphatic moiety of 1 to 8 carbon atoms which may be branched, unbranched or cyclic;

R⁶ is a substituted or unsubstituted aliphatic, heteroaliphatic, heterocyclic, aryl or heteroaryl moiety;
and

R⁷ is H or -(CH₂)_mCH=CH₂, -(CH₂)_mCOOH, -(CH₂)_mCHO, -(CH₂)_mOH, -(CH₂)_mSH, -(CH₂)_mNH₂- or -(CH₂)_mNH(alkyl), where m is 0, 1, 2, 3 or 4 and n is 0 or 1.

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New Claims

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B¹ cont.
3 (new). The compound of claim 2 in which one or more of **B¹**, **B²** and **R²** are branched, unbranched or cyclic, saturated or unsaturated, aliphatic moieties which may be substituted or unsubstituted.

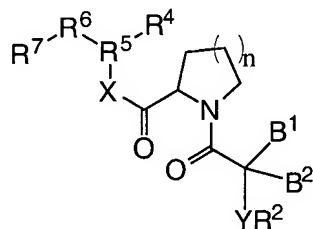
4 (new). The compound of claim 3 in which one or more of **B¹**, **B²** and **R²** are methyl, ethyl, n-propyl, isopropyl, cyclopropyl, -CH₂-cyclopropyl, allyl, n-butyl, sec-butyl, isobutyl, tert-butyl, cyclobutyl, -CH₂-cyclobutyl, n-pentyl, sec-pentyl, isopentyl, tert-pentyl, cyclopentyl, -CH₂-cyclopentyl, n-hexyl, sec-hexyl, cyclohexyl or -CH₂-cyclohexyl group.

5 (new). The compound of claim 4 in which the group is substituted with -OH; -C=O; -COOH; CHO; allyl; or a substituted or unsubstituted amine, amide, urea or carbamate; an ether or thio-ether (in either case, aliphatic or aromatic); or an aryl or heteroaryl moiety; and may optionally contain a heteroatom in place of one or more CH₂ or CH units.

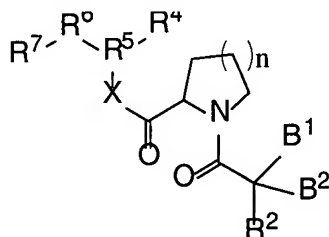
6 (new). The compound of claim 2 in which one or more of **B¹**, **B²** and **R²** comprises a substituted or unsubstituted aryl moiety.

7 (new). The compound of claim 6 in which the aryl moiety is a mono-, di- and tri-alkoxyphenyl; methylenedioxyphenyl or ethylenedioxyphenyl; halophenyl; or -phenyl-C(Me)₂CH₂O-CO-[C₃-C₆] alkyl or alkylamino).

8 (new). The compound of any of claims 2 - 7 of the formula:



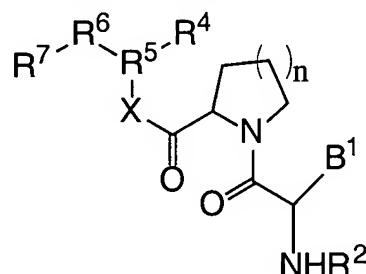
9 (new). The compound of claim 8 of the formula:



10 (new). The compound of claim 8 in which B¹ is H; B² is a branched, unbranched or cyclic, saturated or unsaturated, aliphatic moiety which may optionally contain a heteroatom in place of one or more -CH₂- or CH units; and YR² is a substituted aryl or heteroaryl moiety.

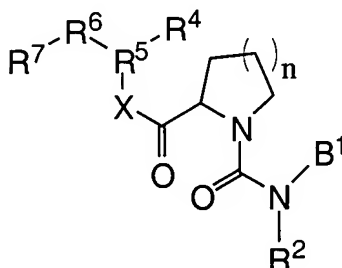
11 (new). The compound of claim 8 in which B¹, B² and YR² are the same or different C1-C8 aliphatic moieties.

12 (new). The compound of claim 8 of the formula



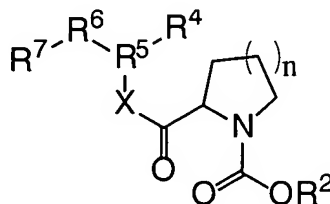
or an N-alkyl, N-acyl, N-aryl or N-aroyl derivative thereof.

13 (new). The compound of any of claims 2 – 7 of the formula:



14 (new). The compound of claim 13 in which B¹ is H and R² is a C1-C8 aliphatic moiety.

15 (new). The compound of any of claims 2 – 7 of the formula:



B¹
cont

16 (new). The compound of any of claims 2 - 7 in which **G** is a substituted or unsubstituted alicyclic moiety.

17 (new). The compound of any of claims 2 - 7 in which **G** is a substituted or unsubstituted heterocyclic moiety

18 (new). The compound of claim 2 in which **R⁴** is a substituted or unsubstituted, branched, unbranched, cyclic, saturated or unsaturated aliphatic moiety.

19 (new). The compound of any of claim 2 in which **R⁴** is a substituted or unsubstituted, branched, unbranched, cyclic, saturated or unsaturated heteroaliphatic moiety.

20 (new). The compound of claim 2 in which **R⁴** is a heterocyclic moiety.

21 (new). The compound of claim 2 in which **R⁴** is a substituted or unsubstituted aryl or heteroaryl moiety.

22 (new). The compound of claim 21 in which **R⁴** is an aryl or heteroaryl moiety bearing up to five substituents selected from the group consisting of hydroxy, C1-C8 alkoxy, branched or straight-chain alkyl, acyl, acyloxy, carbamoyl, amino, N-acylamino, nitro, halo, trihalomethyl, cyano, and carboxyl, -SO₂NH₂, -SO₂NH(aliphatic), -SO₂N(aliphatic)₂, -O-aliphatic-COOH, -O-aliphatic-NH₂ (which may contain one or two N-aliphatic or N-acyl substituents).

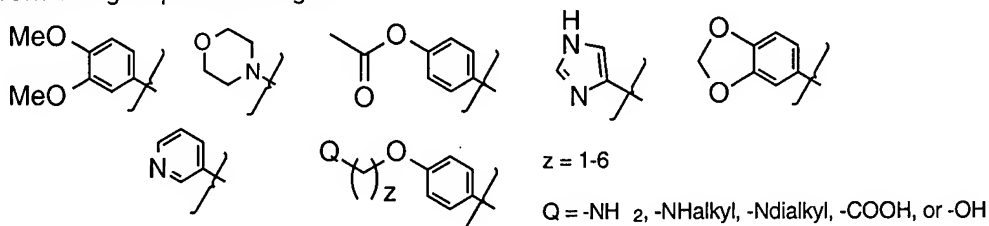
23 (new). The compound of claim 22 in which **R⁴** comprises an o-, m- and/or p- substituted phenyl comprising one or more halo, lower alkyl, or alkoxy substituents.

24 (new). The compound of any of claims 2 - 7 or 18 - 23 in which **R⁴** comprises a disubstituted phenyl moiety.

25 (new). The compound of any of claims 2 - 7 or 18 - 23 in which **R⁴** comprises a 2,4-dialkoxy, 3,4-dialkoxy, 3,5-dialkoxy- or alkylendioxyphenyl moiety, or a trialkoxyphenyl moiety.

26 (new). The compound of any of claims 2 – 7 or 18 – 23 in which the alkoxy moieties are independently selected from branched, unbranched and cyclic C1-C6 alkoxy moieties.

27 (new). The compound of any of claims 2 – 7 or 18 – 23 in which **R⁴** comprises a moiety selected from the group consisting of:



28 (new). The compound of any of claims 2 – 7 or 18 – 23, wherein **R⁵** is a branched, unbranched or cyclic aliphatic moiety of 1 to 8 carbon atoms, which may be optionally substituted.

29 (new). The compound of claim 27, wherein **R⁵** is a branched, unbranched or cyclic aliphatic moiety of 1 to 8 carbon atoms, which may be optionally substituted.

30 (new). The compound of claim 28 in which **R⁵** is -CH-, -CHCH₂-, -CH₂CH-, -CHCH₂CH₂-, -CH₂CHCH₂-, -CH(CH₃)-CH₂-CH-, -CH(CH₂CH₃)-CH₂-CH-, -CH₂CH₂CH-, or -C(CH₃)CH₂-.

31 (new). The compound of claim 29 in which **R⁵** is -CH-, -CHCH₂-, -CH₂CH-, -CHCH₂CH₂-, -CH₂CHCH₂-, -CH(CH₃)-CH₂-CH-, -CH(CH₂CH₃)-CH₂-CH-, -CH₂CH₂CH-, or -C(CH₃)CH₂-.

32 (new). The compound of claim 28 wherein X is oxygen, and **R⁵** is a branched or unbranched C1-C8 aliphatic group.

33 (new). The compound of claim 29 wherein X is oxygen, and **R⁵** is a branched or unbranched C1-C8 aliphatic group.

34 (new). The compound of claim 32 wherein **YR²** comprises a substituted or unsubstituted aryl or heteroaryl moiety.

35 (new). The compound of claim 33 wherein **YR²** comprises a substituted or unsubstituted aryl or heteroaryl moiety.

New Claims

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B¹
cont.

36 (new). The compound of any of claims 2 – 7 or 18 – 23 in which **X** is O, and **R⁶** comprises a branched, unbranched or cyclic, saturated or unsaturated, C1-C8, aliphatic or heteroaliphatic moiety.

37 (new). The compound of claim ~~28~~ in which **X** is O, and **R⁶** comprises a branched, unbranched or cyclic, saturated or unsaturated, C1-C8, aliphatic or heteroaliphatic moiety.

38 (new). The compound of any of claims 2 – 7 or 18 – 23 in which **R⁷** is $-(CH_2)_z-CH=CH_2$, $-(CH_2)_z-COOH$, $-(CH_2)_z-CHO$, $-(CH_2)_z-OH$, $-(CH_2)_z-NH_2$, $-(CH_2)_z-NH-alkyl$, $-(CH_2)_z-SH$, where *z* is an integer from 0 through 4.

39 (new). The compound of claim 36 in which **R⁷** is $-(CH_2)_z-CH=CH_2$, $-(CH_2)_z-COOH$, $-(CH_2)_z-CHO$, $-(CH_2)_z-OH$, $-(CH_2)_z-NH_2$, $-(CH_2)_z-NH-alkyl$, $-(CH_2)_z-SH$, where *z* is an integer from 0 through 4.

40 (new). The compound of claim 37 in which **R⁷** is $-(CH_2)_z-CH=CH_2$, $-(CH_2)_z-COOH$, $-(CH_2)_z-CHO$, $-(CH_2)_z-OH$, $-(CH_2)_z-NH_2$, $-(CH_2)_z-NH-alkyl$, $-(CH_2)_z-SH$, where *z* is an integer from 0 through 4.

41 (new). A compound of any of claims 2 – 7 or 18 – 23 in which two or more of **B¹**, **B²** and **R²** are covalently linked to form a C3-C7 cyclic or heterocyclic moiety.

42 (new). A compound of any of claims 2 – 7 or 18 – 23 in which *n* is 1.

43 (new). A compound of any of claims 2 – 7 or 18 – 23 in which *n* is 2.
